# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Sunday 15 May 2022 until 23:59 on Monday 16 May 2022

Forecast Issued on Sunday 15 May 2022 at 02:44

**Confidence:** High for more unsettled conditions over the coming days, but only moderate confidence in the details of showers/thunderstorms Sunday and Monday and lower in the timing and details of precipitation by Tuesday.

**Headline for Sunday 15 May 2022:** A cloudy day with outbreaks of rain and showers.

**Mountain weather hazards on Sunday 15 May 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light rain | Light rain | Light rain showers | Cloudy | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 60% | 60% | 60% | 40% | 20% | 10% |

**Forecast for Sunday 15 May 2022**

**Weather:** Generally cloudy and breezy with outbreaks of light rain in the morning, followed by an increasing risk of showers around lunchtime. Occasional bright or sunny spells developing at times during the afternoon, especially late. Dry but largely cloudy in the evening.

**Chance of cloud-free hill tops above 600m:** 95% or more.

**Low cloud and visibility:** Moderate in any rain in the morning but becoming generally good in the afternoon, away from any showers. Cloud remaining above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Sunday 15 May 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 17/23 SE | 18/25 SE | 21/28 E | 24/32 E | 19/26 E | 17/27 E | 19/28 E |
| **300** | 10/16 SE | 12/20 E | 17/24 E | 20/30 E | 15/24 E | 14/25 E | 14/20 NE |
| **Valley** | 5/13 E | 7/16 E | 13/24 E | 12/24 E | 15/28 E | 16/29 E | 14/27 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 12/9 | 11/8 | 11/8 | 13/9 | 12/9 | 11/8 | 11/7 |
| **300** | 13/11 | 13/11 | 14/11 | 16/12 | 15/12 | 13/11 | 12/10 |
| **Valley** | 13/13 | 13/12 | 15/12 | 16/14 | 15/13 | 13/10 | 13/10 |
| **Freezing Level*** | 2000m | 2500m | 2700m | 2800m | 2700m | 2700m | 2800m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Surprisingly windy at height, with gusts 10mph higher than indicated.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sun 15 May 2022 | 0mm | 0mm | 0mm |

**Forecast for Monday 16 May 2022**

**Weather:** Cloudy with outbreaks of rain and showers overnight and into Monday morning, these will be locally heavy and possibly thundery. These will tend to ease through the morning, with some drier and sunnier spells developing from the south into the afternoon. Feeling warm. However, further scattered showers and thunderstorms are likely to break out later in the afternoon and evening, with the risk of frequent lightning and hail too.

**Maximum wind:** East to southeasterly 15-20mph, gusting 25-30mph at first, veering south to southwesterly after midday, easing 10-15mph, with occasional gusts up to 25mph.

**Chance of cloud-free hill tops above 600m:** 40% chance during the morning, increasing to 90%.

**Low cloud and visibility:** Generally good, but moderate or poor in heavy showers and thunderstorms. Becoming very good by the evening. Cloud bases down to 300-400m during the morning.

**Temperature:** **Valleys:** Plus 12 Celsius, becoming Plus 17 Celsius.
**At 600m:** Plus 10 Celsius, becoming Plus 14 Celsius.
**Freezing level:** Above the summits.

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